

WE CLAIM:

1. In a method of producing elastic areas on a precursor web suitable for making resultant absorbent garments, the steps comprising:

printing the precursor web with an elastic adhesive;

the precursor web being extendible in an extendible direction;

the elastic adhesive being printed in a shape or pattern sufficient to avert a tensioning force against web distension in the extendible direction of the precursor web; and

constructing an absorbent garment from the precursor web with the elastic adhesive printed thereon.

2. The method according to Claim 1 wherein the step of printing the precursor web with the elastic adhesive material further comprises printing the elastic adhesive material to a waistband area of the absorbent garment.

3. The method according to Claim 1 wherein the step of printing the precursor web with the elastic adhesive material further comprises printing the elastic adhesive material to a leg area of the absorbent garment.

4. The method according to Claim 1 wherein the precursor web comprises a backsheet web.

5. The method according to Claim 4 wherein the backsheet web comprises at least one of a nonwoven spunbond web, a microporous film, and an elastomeric film, extendible in one or more directions of the absorbent garment.

6. The method according to Claim 4 wherein the precursor web further comprises a topsheet web.

7. The method according to Claim 1 wherein the precursor web comprises an assembled diaper lacking only a leg or waistband elastic.

8. The method according to Claim 4 wherein the backsheet comprises material selected from the group comprising, necked nonwovens, extendible films, elastomerics, or combinations thereof.

9. The method according to Claim 1 wherein the elastic adhesive material is a compound having vapor permeable liquid barrier properties.

10. The method according to Claim 1 wherein the elastic adhesive material is retractable after elongation to a length substantially equivalent to the original length.

11. The method according to Claim 1 wherein the elastic adhesive material has a cold flow value of less than 20 percent at 54 degrees C.

12. The method according to Claim 1 wherein the elastic adhesive material has a viscosity of less than 70,000 centipoise at 177 degrees C. (350 degrees F.).

13. The method according to Claim 1 wherein the elastic adhesive material has elongation of at least 25 percent.

14. The method according to Claim 1 wherein the elastic adhesive material has retractive force of less than 400 grams force per 2.54 cm (1.0 inch) width at 90 percent elongation.

15. The method according to Claim 1 wherein the printing is done via a heated roller.

16. The method according to Claim 1 wherein the printing is done by at least one of the processes including relief intaglio, planographic, spraying, gravure, screening, and extrusion.

